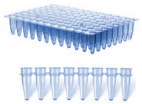
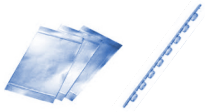
BioGX
Molecular Made Easy

Xfree™ COVID-19 Direct RT-PCR

Workflows for Direct and Extracted Samples

Quick guide

High-Throughput Workflow
80 minutes for 96 to 384 samples
Validated platforms: Applied Biosystems™ 7500 Fast Dx and QuantStudio™ 5
Bio-Rad CFX96 Touch™ and CFX384 Touch™

Kit Component		Materials Required	
Xfree™ Sample-Ready™ Tube	Molecular Grade Water	96/384-well PCR Plate or PCR Strip Tubes	Optical Plate Seals or Tube Caps
			
Supplied by BioGX	Purchased separately	Purchased separately	Purchased separately

Direct Sample Workflow

Validated Transport Media:
Saline
UTM®
UVT
VTM
ESwab™

1

Rehydrate with 400 µL of molecular grade water. Dispense *Xfree*™ reagent (24 x 15 µL) into multi-well plate.

2

Add 5 µL of patient sample, pipette up and down once and apply the optical seal or tube caps.

3

Pulse spin, load into real-time PCR instrument & start run protocol specific for direct sample.

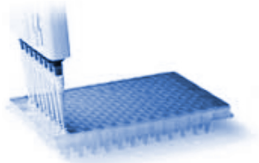
Extracted Sample Workflow

Validated Transport Media:
Saline
UTM®
UVT
VTM
ESwab™

1

Rehydrate with 400 µL of molecular grade water. Dispense *Xfree*™ reagent (36 x 10 µL) into multi-well plate.

2



Add 5 µL of extracted RNA, pipette up and down once and apply the optical seal or tube caps.

3

Pulse spin, load into real-time PCR instrument & start run protocol specific for extracted sample.

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